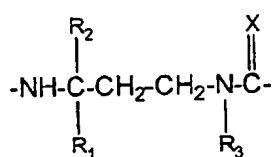


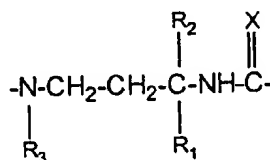
Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A pseudopeptide of at least 6 amino acids comprising at least one unit chosen from the B units of general formulae (I) and/or (II):



(I)



(II)

in which:

R₁, R₂ and R₃ each independently of one another represent an amino ~~acids~~ acid side chain and may be identical or different, and

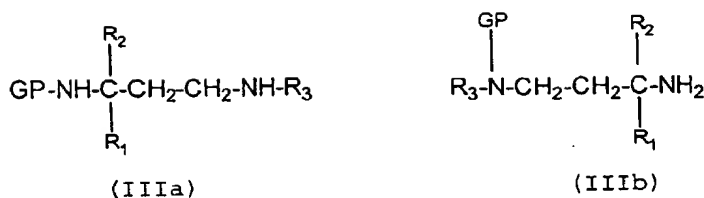
X represents an oxygen or sulfur atom.

2. (Original) The pseudopeptide as claimed in claim 1 having a size of at least 9 amino acids.

3. (Previously Presented) The pseudopeptide as claimed in claim 1, characterized in that X represents an oxygen atom.

4. (Previously Presented) The pseudopeptide as claimed in claim 1, characterized in that R₂ represents a hydrogen atom.

5. (Currently Amended) A method for synthesizing a pseudopeptide as claimed in claim 1, characterized in that a monoprotected diamine of general formula IIIa or IIIb



in which: R_1 , R_2 , and R_3 each independently of one another represent an amino acid side chain and may be identical or different, and GP represents a group for protecting the amine functional group, is coupled with an amine in the presence of a carbonylating agent.

6. (Original) The method as claimed in claim 5, characterized in that GP is a Boc, Fmoc, Cbz or Alloc group.
7. (Previously Presented) The method as claimed in claim 5, characterized in that the carbonylating agent is chosen from N, N'-carbonyldiimidazole and triphosgene.
8. (Previously Presented) A reagent for detecting a pathological condition associated with the presence of endogenous or exogenous proteins, characterized in that it comprises, as reactive substance, at least one pseudopeptide as claimed in claim 1.
9. (Original) The reagent as claimed in claim 8, characterized in that the pseudopeptide is labeled with a tracer or biotin.
10. (Previously Presented) The reagent as claimed in claim 8, characterized in that the size of the pseudopeptide is at least 12 amino acids.
11. (Previously Presented) A kit for detecting a pathological condition associated with the presence of endogenous or exogenous proteins, characterized in that a reagent according to claim 8, is attached to a solid support which is immunologically compatible with said reagent.
12. (Withdrawn) A method for detecting and/or assaying biological molecules present in a sample in which the reagent as claimed in claim 8, is used to form an immune complex with said biological molecules if they are present in the sample.

13. (Withdrawn) The method of detection as claimed in claim 12, characterized in that the biological molecules are antibodies.

14. (Withdrawn) A method for detecting and/or assaying an antigen present in a sample by a competition technique in which said sample is brought into contact, simultaneously or in two stages, with a predetermined quantity of an antibody directed against a portion of the antigen and a predetermined quantity of a reagent as claimed in claim 8, and the presence and/or the quantity of antigen present in said sample is determined.

15. (Withdrawn) A method for detecting and/or assaying an antibody present in a sample by a competition technique in which said sample is brought into contact simultaneously with a predetermined quantity of an antigen at least a portion of which is recognized by said antibody and a predetermined quantity of a reagent as claimed in claim 8, and the presence and/or the quantity of antibody present in said sample is determined.

16. (Withdrawn) A monoclonal or polyclonal antibody which can be obtained by immunizing an animal with at least one pseudopeptide as claimed in claim 1.

17. (Withdrawn) An anti-idiotypic antibody which can be obtained by immunizing an animal with at least one antibody as claimed in claim 16.

18. (Previously Presented) An active therapeutic composition, in particular an active immunotherapeutic composition, characterized in that it comprises, as active ingredient, at least one pseudopeptide as claimed in claim 1, said active ingredient being optionally in the form of a conjugate or a pharmaceutically acceptable excipient.